



**RECEIVED**  
**CENTRAL FAX CENTER**

**JUL 20 2005**

4845 Pearl East Circle  
Suite 300

Boulder, CO 80301

(720) 931-3000, Fax (720) 931-3001

[www.lathropgage.com](http://www.lathropgage.com)

Direct Dial Number:  
(720) 931-3011

2345 Grand Boulevard,  
Suite 2800  
Kansas City, MO 64108-2612  
(816) 292-2000, Fax (816) 292-2001

10851 Mastin Blvd.  
Building 82, Suite 1000  
Overland Park, KS 66210-1669  
(913) 451-5100, Fax (913) 451-0875

1010 Market Street  
Suite 1300  
St. Louis, MO 63101-2000  
(314) 613-2500, Fax (314) 613-2550

230 Park Avenue  
Suite 1847  
New York, NY 10169  
(212) 850-6220, Fax (212) 850-6221

314 East High Street  
Jefferson City, MO 65101  
(573) 893-4336, Fax (573) 893-5388

1845 S. National  
Springfield, MO 65808-4288  
(417) 886-2000, Fax (417) 886-9126

1200 G Street, N.W.  
Suite 800  
Washington, D.C. 20005  
(202) 434-8984, Fax (202) 434-8992

**July 20, 2005**

**From:** Curtis A. Vock

**Matter No.:** 436711

To:	Company:	Fax Number:	Phone Number:
Examiner Hor, Art Unit 2615	U.S. Patent Office	(571) 273-8300	

**Number of Pages Transmitted (including this cover sheet):** 5

**Message:**

Application Number	10/690,237
Filing Date	October 20, 2003
First Named Inventor	Eric P. Krantz
Art Unit	2878
Examiner Name	Don Williams
Attorney Docket Number	436711

If you have a problem receiving this facsimile, please call: (720) 931-3000

Fax Attendant: Haley

**CONFIDENTIALITY NOTE:**

The information in this facsimile message ("fax") is sent by an attorney or his/her agent, is intended to be confidential and for the use of only the individual or entity named above. The information may be protected by attorney/client privilege, work product immunity or other legal rules. If the reader of this message is not the intended recipient, you are notified that retention, dissemination, distribution or copying of this fax is strictly prohibited. If you receive this fax in error, please notify us immediately by telephone and return it to the address above. Thank you.

<b>CERTIFICATE OF FACSIMILE TRANSMISSION 37 CFR 1.8</b>			Matter No. 436711
Applicant(s): Eric P. Krantz, et al.			
Serial No. 10/690,237	Filing Date October 20, 2003	Examiner Don Williams	Group Art Unit 2878
Invention	Method And Apparatus To Effectively Reduce A Non-Active Detection Gap Of An Optical Sensor		
<p>I hereby certify that the following: Facsimile Cover Sheet (1 page); Transmittal Form (1 page); Power of Attorney and Correspondence Address Indication Form (1 page); Statement Under 37 CFR 3.73(b) (1 page), are being sent via facsimile transmission to Attn: Examiner Hor, c/o the Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on this 20th day of July, 2005</p>			
<p><u>Karen Jodzio-Head</u> <small>Name of Transmitter</small></p>			
<p> <small>Signature of Transmitter</small></p>			
<p><u>(571) 273-8300</u> <small>Facsimile No.</small></p>			

PTO/SB/21 (09-04)

Approved for use through 07/31/2008. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**TRANSMITTAL  
FORM**

(To be used for all correspondence after initial filing)

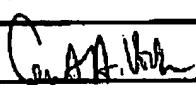
Total Number of Pages in This Submission

Application Number	10/690,237
Filing Date	October 20, 2003
First Named Inventor	Eric P. Krantz
Art Unit	2878
Examiner Name	Don Williams
Total Number of Pages in This Submission	5
Attorney Docket Number	436711

**ENCLOSURES (check all that apply)**

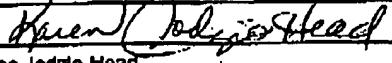
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment / Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
<input type="checkbox"/> Express Abandonment Request	<input type="checkbox"/> Request for Refund	Statement Under 37 CFR 3.73(b) Certificate of Facsimile Facsimile Cover Sheet
<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	
<input type="checkbox"/> Certified Copy of Priority Document(s)	<input type="checkbox"/> Landscape Table on CD	
<input type="checkbox"/> Reply to Missing Parts/ Incomplete Application		
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		
<b>Remarks</b>		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm	LATHROP & GAGE LC		
Signature			
Printed Name	Curtis A. Vock		
Date	July 20, 2005	Reg. No.	38,358

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below.

Signature	
Typed or printed name	Karen Jodzio-Head
Date	July 20, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	10/690,237
Filing Date	October 20, 2003
First Named Inventor	Eric P. Krantz
Title	Method And Apparatus To Effectively Reduce A Non-Active Detection Gap Of An Optical Sensor
Art Unit	2878
Examiner Name	Don Williams
Attorney Docket Number	436711

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

Practitioners associated with the Customer Number:

30885

OR

Practitioner(s) named below:

Name	Registration Number

as my four attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

The address associated with the above-mentioned Customer Number

OR

The address associated with Customer Number:

OR

Firm or Individual Name:

Address:

City:

State:

ZIP:

Country:

Telephone:

Fax:

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.  
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/98)

SIGNATURE of Applicant or Assignee of Record

Signature:

Date:

7/13/05

Name:

Douglas DeAngelis

Telephone:

978 556-9780

Title and Company:

President of Lynx System Developers, Inc.

NOTE: Signatures of all inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31 and 1.33. The information is required to obtain or retain a benefit by the public which is to be used by the USPTO to process an application. Or preparing and submitting a completed application form to the USPTO. Time will vary depending upon the individual form. Any comments on the amount of time you require to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

BEST AVAILABLE COPY

PTO/SB/86 (00-04)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Eric P. Krantz and Douglas J. DeAngelisApplication No./Patent No.: 10/680,237Filed/Issue Date: October 20, 2003Entitled: Method And Apparatus To Effectively Reduce A Non-Active Detection Gap Of An Optical SensorLynx System Developers, Inc.a corporation

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title, and interest

The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A.  An assignment from the Inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 014633, Frame 0655, or for which a copy thereof is attached.

**OR**

B.  A chain of title from the Inventor(s), of the patent application/patent identified above, to the current assignee as shown below.

1. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

2. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

3. From: \_\_\_\_\_ To: \_\_\_\_\_

The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached. Additional documents in the chain of title are listed on a supplemental sheet. Copies of assignments or other documents in the chain of title are attached.

(NOTE: A separate copy (i.e., a true copy of the original document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08)

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

July 20, 2005

Signature

Date

Curtis A. Vock

(703) 931-3011

Printed or Typed Name

Telephone Number

Attorney for Assignee

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.